

Declaration under 37 C.F.R. § 1.132 of Brian Campau

Brian Campau does hereby state:

1. I am a citizen of the United States and reside at 6695 Wildwood Drive, West Olive, Michigan 49460.
2. I have been writing software for the approximately 20 years and have been using computer-aided design (CAD) packages that detail building structures for approximately 18 years.
3. I am familiar with the AutoCad drafting package as it existed on the date that U.S. Patent Application Serial No. 09/483,542 was filed (i.e., January 14, 2000) and I am also familiar with the LISP programming language.
4. I am current employed by BC Computing as a software programmer.
5. I was educated at Grand Valley College, Allendale Michigan in computer science.
6. I have no financial interest in U.S. Patent Application Serial No. 09/483,542.
7. I have read the patent documents provided by attorneys of Price, Heneveld, Cooper, DeWitt & Litton, LLP, and understand, that independent claim 1 of U.S. Patent Application Serial No. 09/483,542, defines a method of volume detailing a building structure that allows for the consideration of the positioning of various structural and non-structural components that comprises a number of steps. One step includes providing a representation of a three dimensional building structure volume, wherein the three dimensional building structure volume models a building structure. Another step includes positioning a representation of a three dimensional component at a desired

location relative to the three dimensional building structure volume. Yet another step includes sectioning the three dimensional building structure volume at a point of interest to provide a two dimensional building structure profile that includes a component profile if the three dimensional component extends through the point of interest.

8. I have read the patent documents provided by attorneys of Price, Heneveld, Cooper, DeWitt & Litton, LLP, and understand, that independent claim 10 of U.S. Patent Application Serial No. 09/483,542, defines a building structure volume detailing system for volume detailing a building structure that allows for the positioning of various structural and non-structural components. The system comprises a processor, an input device coupled to the processor, a memory subsystem coupled to the processor and volume detailing code for causing the processor to perform a number of steps. One step includes providing a representation of a three dimensional building structure volume, wherein the three dimensional building structure volume models a building structure. Another step includes positioning a representation of a three dimensional component at a desired location relative to the three dimensional building structure volume. Yet another step includes sectioning the three dimensional building structure volume at a point of interest to provide a two dimensional building structure profile that includes a component profile if the three dimensional component extends through the point of interest.

9. I have read the patent documents provided by attorneys of Price, Heneveld, Cooper, DeWitt & Litton, LLP, and understand, that independent claim 19, of U.S. Patent Application Serial No. 09/483,542, defines a roof truss volume detailing system for volume detailing a system of roof trusses that allows for the consideration of the positioning of various structural and non-structural components. The system comprises a processor, an input device coupled to the processor, a memory subsystem coupled to the processor and volume detailing code for causing the processor to perform a number of steps. One step includes providing a representation of a three dimensional roof truss volume, wherein the three dimensional roof truss volume models a system of roof trusses. Another step includes positioning a representation of a three dimensional component at a desired location relative to the three dimensional roof truss volume. Yet another step

includes sectioning the three dimensional roof truss volume at a point of interest to provide a two dimensional roof truss profile that includes a component profile if the three dimensional component extends through the point of interest.

10. Based only upon the guidance provided by U.S. Patent Application Serial No. 09/483,542, and knowledge available at the time U.S. Patent Application Serial No. 09/483,542 was filed (January 14, 2000), I am able to write a LISP or VB program that can perform the steps set forth in claims 1-26 of the above-reference application in fifty man-hours.

11. In my opinion, as one of ordinary skill in the arts of software programming and computer-aided design (CAD) package utilization, the writing of the program in fifty man-hours is reasonable and does not amount to undue experimentation.

I hereby declare that all statements made of my own knowledge and belief are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: 3-4-2004

By: 

Brian Campau

B C Computing Inc